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A New Species of Genus *Arhopala*
from Luzon Island (Lepidoptera, Lycaenidae)

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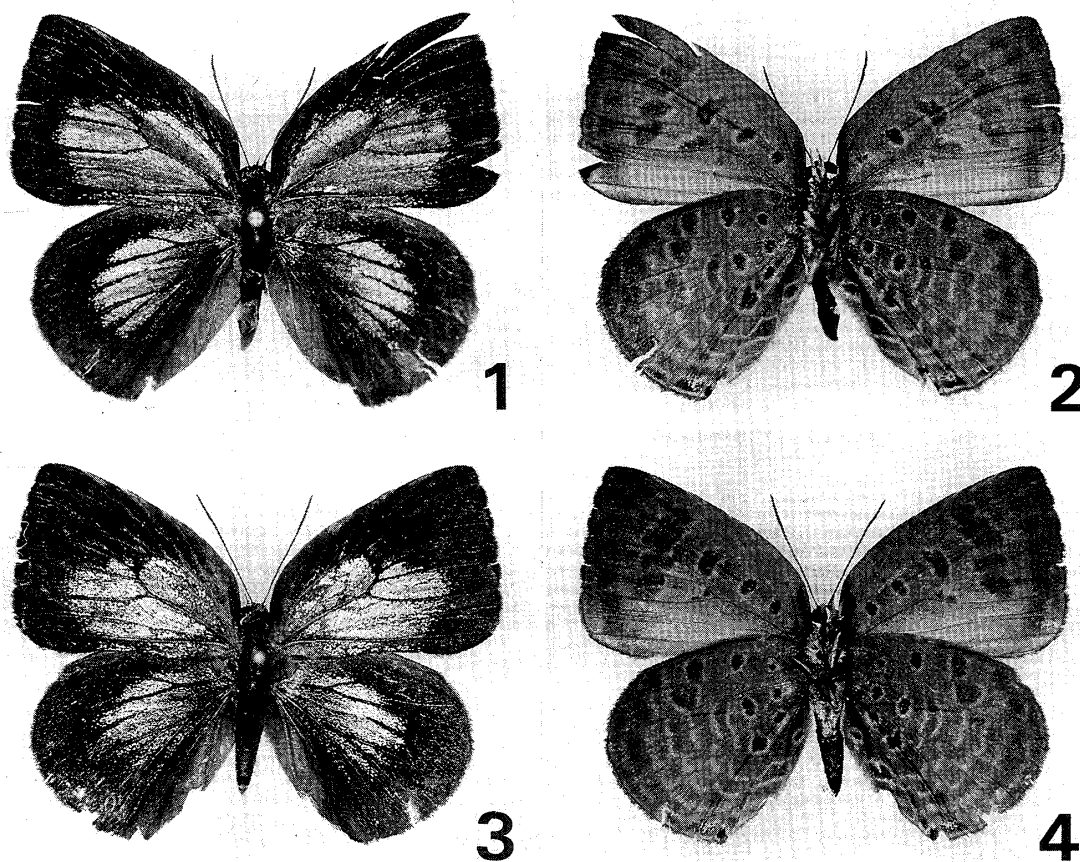
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We captured some specimens of an undescribed Lycaenid species of the genus *Arhopala* in Luzon, the Philippines, and describe it as follows.



Figs. 1-4. *Arhopala luzonensis* sp. nov. 1. holotype ♂, Upperside; 2. *Ditto*, holotype ♂, Underside; 3. *Ditto*, paratype ♀, Upperside; 4. *Ditto*, paratype ♀, Underside.

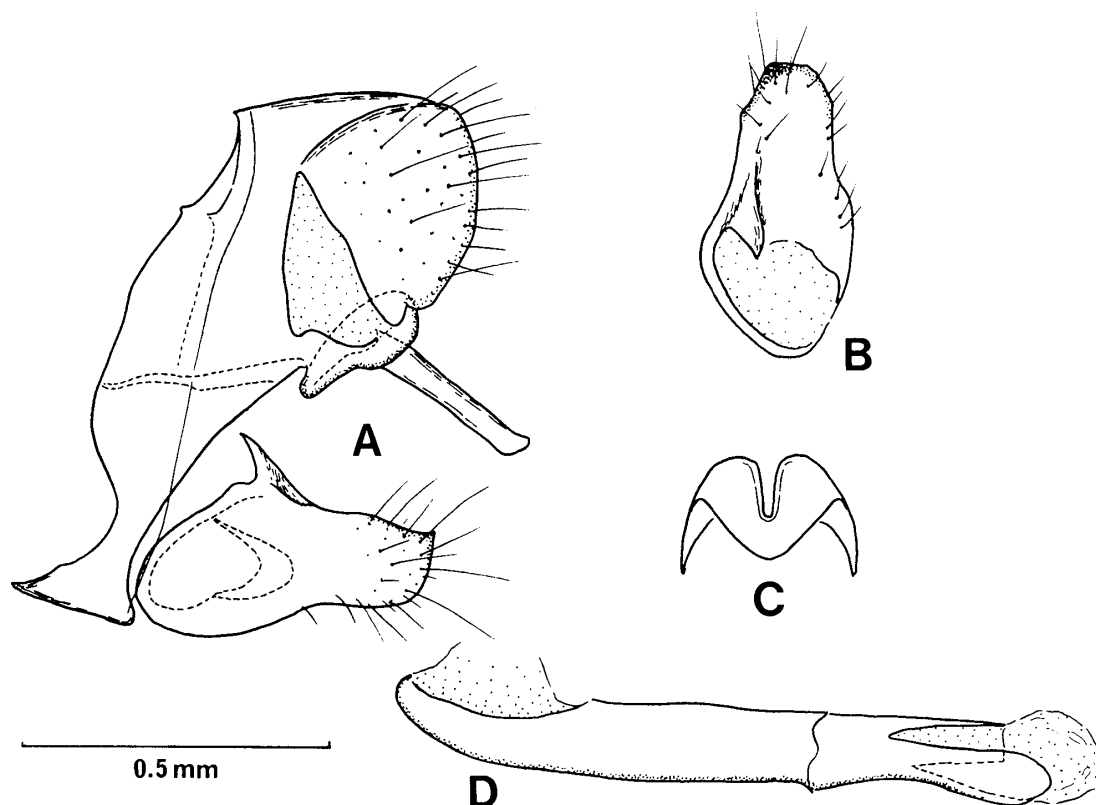


Fig. 5. *Arhopala luzonensis* sp. nov., holotype, ♂ genitalia. A. Lateral view of ring less phallus; B. Inner view of right valva; C. Juxta; D. Phallus.

Arhopala luzonensis TAKANAMI & BALLANINE sp. nov.
(Figs. 1 – 5)

♂. Forewing length: 21 mm (n=1). Upperside of forewing: Deep violet with a very broad border 4 mm at mid-costa, 9 mm at apex, 5 mm at tornus. Upperside of hindwing: Deep violet with a broad black marginal border, about 4 mm. Underside of forewing: Dark yellowish brown with darker spots palely edged; two spots in cell, one at basal and the other larger at the middle; a normal end-cell spot with a triangular spot below it in base of space 2; a small spot in discal area of space 1b; postdiscal spots continuous to each other from spaces 2 to 6, but rather dislocated outwardly at vein 4; a dark submarginal band outwardly edged with obscure buff yellow. Underside of hindwing: A very small spot at base of space 8; a subbasal spot each in spaces 1, 1b, 7 and in cell; a larger discal spot each in spaces 1b, 7 and in cell; a normal end-cell spot; an elongate spot at base of space 2; postdiscal spot each in spaces 1a to 7, connected with each other in spaces 1a and 1b and in spaces 4 and 5, shifted outwards in space 2, shifted inwards in space 3, stepped inwards in spaces 6 and 7; a fuscous submarginal band with paler borders; a small black spot at tornus, with pale blue metallic scales. Not tailed. Male genitalia as in Fig. 5.

♀. Forewing length: 20 mm (n=3). Much resembling male, but upperside deep violet rather paler.

Holotype ♂, Bicol National Park, Camarines Sur, South-east Luzon, Philippines, 26. xi. 1981 (Y. TAKANAMI), in TAKANAMI's collection. Paratypes: 2♀♀, same data as holotype (TAKANAMI coll.); 1♀, Maconacon, Isabela Province, North-east Luzon, x. 1981 (A. BALLANTINE coll.).

This new species resembles *Arhopala dajagaka* BETHUNE-BAKER, 1896 from Borneo, *Arhopala anamuta* SEMPER, 1890 from Mindanao and *Arhopala labuana natsumiae* H. HAYASHI, 1984 from Luzon, which should be treated as a distinct species. *A. luzonensis* is easily distinguished from the allies by the following points. 1. The black borders on the upperside of both wings are much broader. 2. The tornal metallic scales on the underside of hindwing are obsolete, while they are prominent in *dajagaka* and *anamuta*. 3. On the underside there is no purplish white tinge which appears distinctly in *A. labuana natsumiae*.

Acknowledgement

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References

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摘 要

フィリピン・ルソン島産 *Arhopala* 属の 1 新種 (シジミチョウ科)
 (高波雄介・Alistair BALLANTINE)

フィリピン・ルソン島産のシジミチョウ科 *Arhopala* 属の新種を命名記載した。

♂. 前翅長, 21 mm (n=1). 表面は深紫色で, 前翅黒縁は幅広く, その幅は前縁中央部で 4 mm, 翅頂部で 9 mm, 肛角部で 5 mm, また, 後翅黒縁も 4 mm と幅広い. 裏面の地色は暗黄褐色, 淡黄色で縁どられた地色よりやや暗い斑紋が写真のように現れる. 尾状突起を欠く.

♀. 前翅頂, 20 mm (n=3). 表面の深紫色が僅かに明るい程度で♂に非常によく似ており, 検鏡によらずに性を識別するのは困難である.

本種はボルネオ産の *Arhopala dajagaka* BETHUNE-BAKER, 1896, ミンダナオ, ミンドロから知られる *A. anamuta* SEMPER, 1890 およびルソン産の *A. labuana natsumiae* H. HAYASHI, 1981 によく似るが, 前後翅表面の黒縁がそれらより著しく幅広く, また *A. labuana natsumiae* の裏面外横部に現れる紫白色を持たないことなどで容易に区別される.